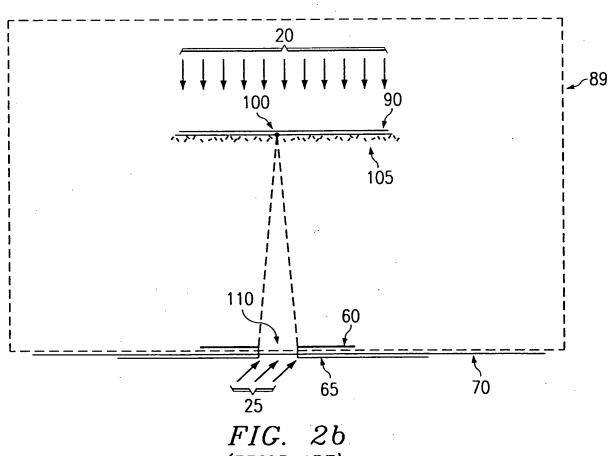


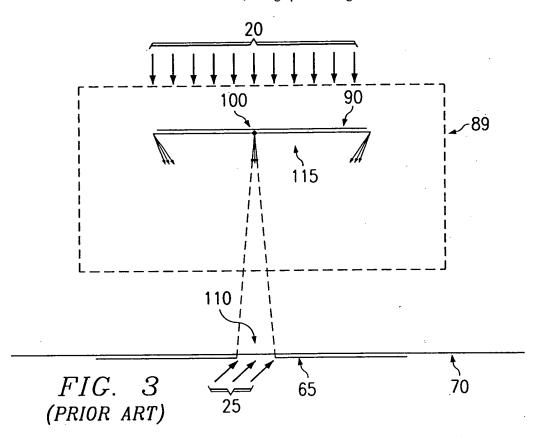
FIG. 2a (PRIOR ART)

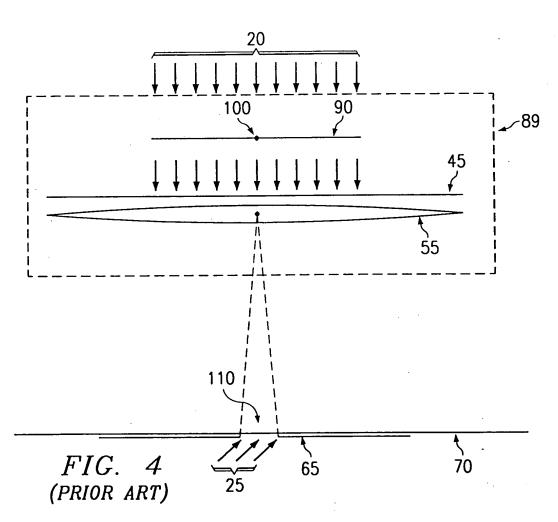


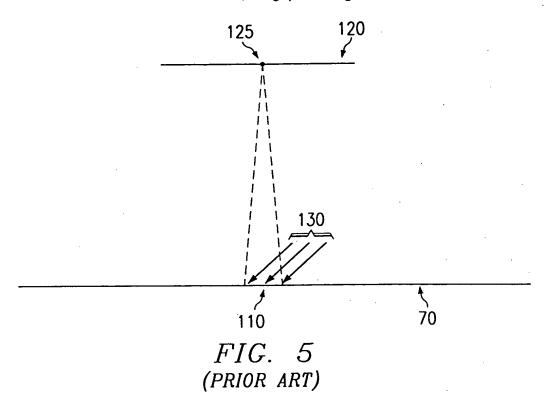
(PRIOR ART)

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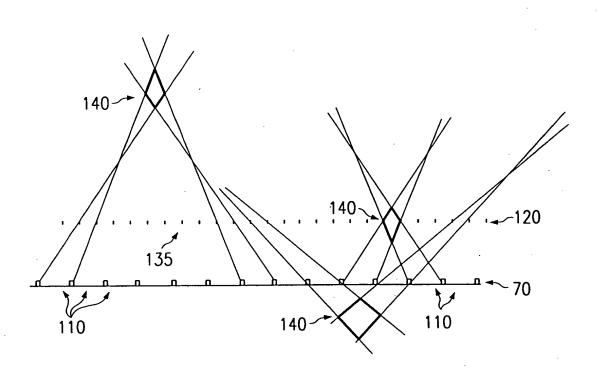
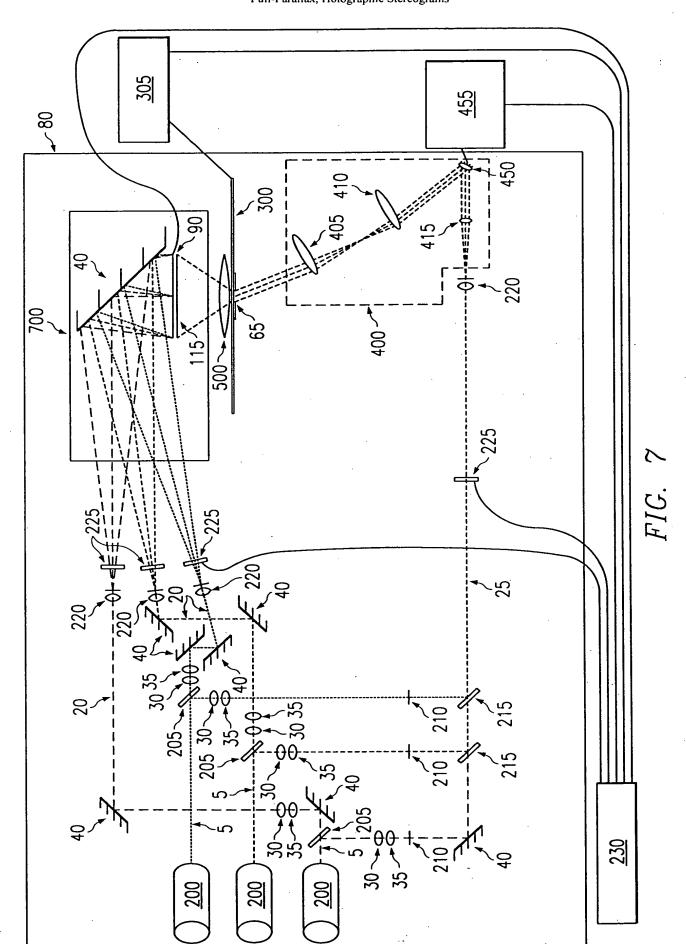
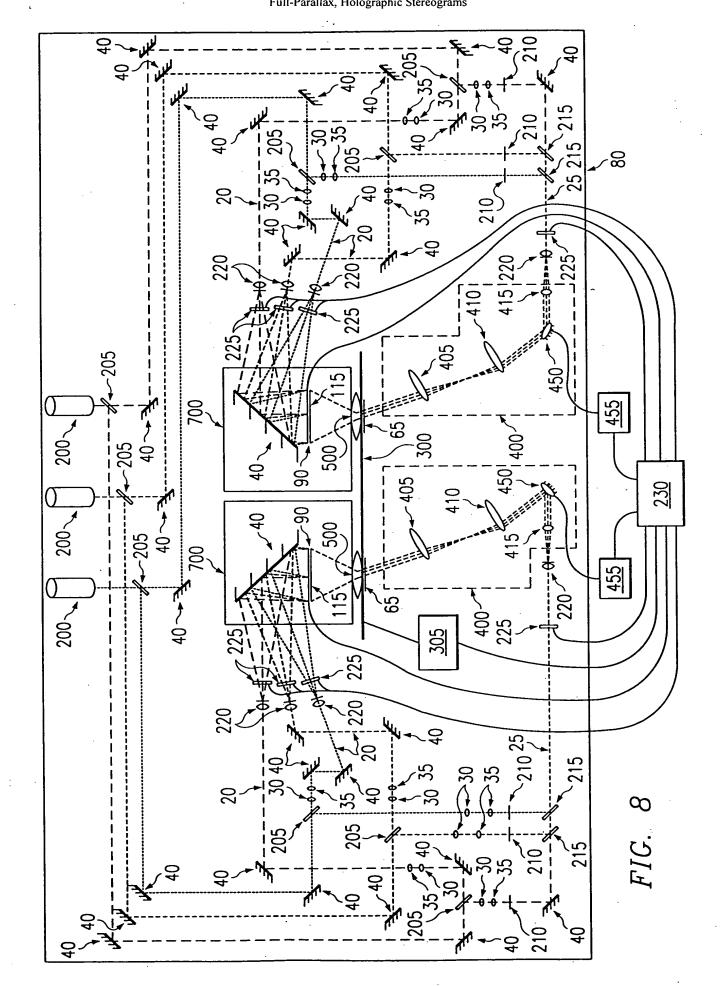


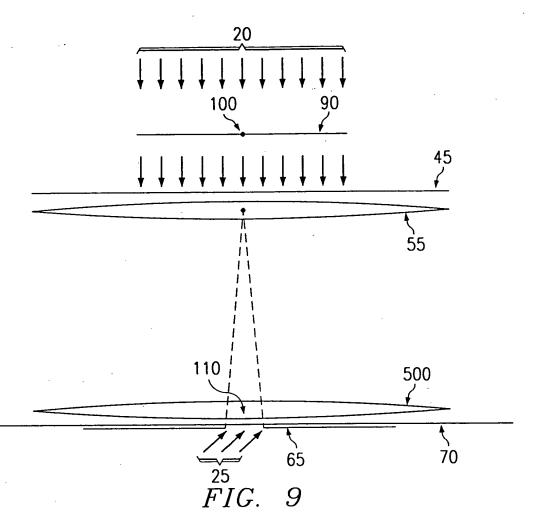
FIG. 6 (PRIOR ART)

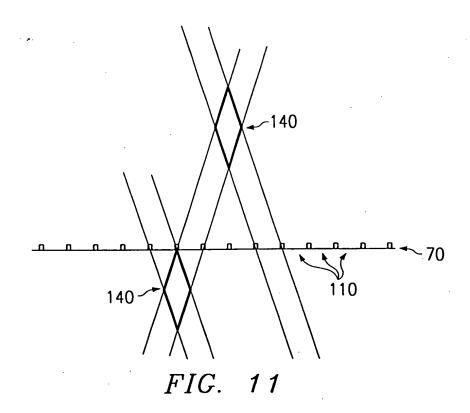
i..

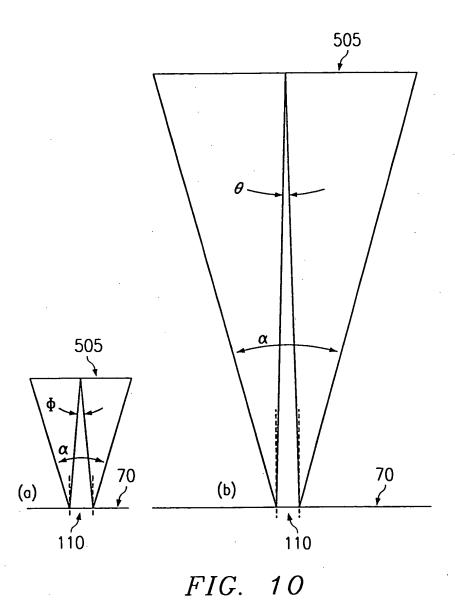


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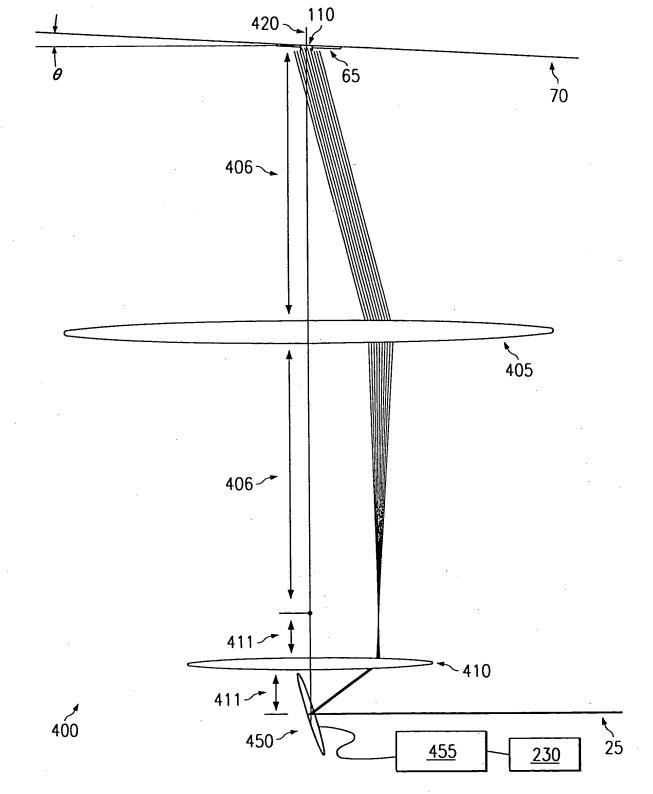
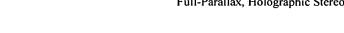
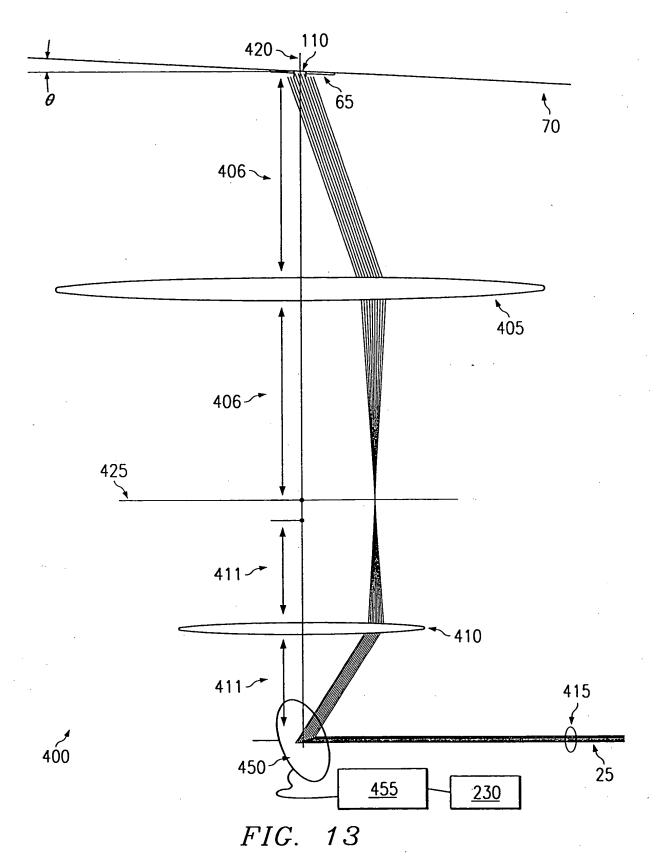


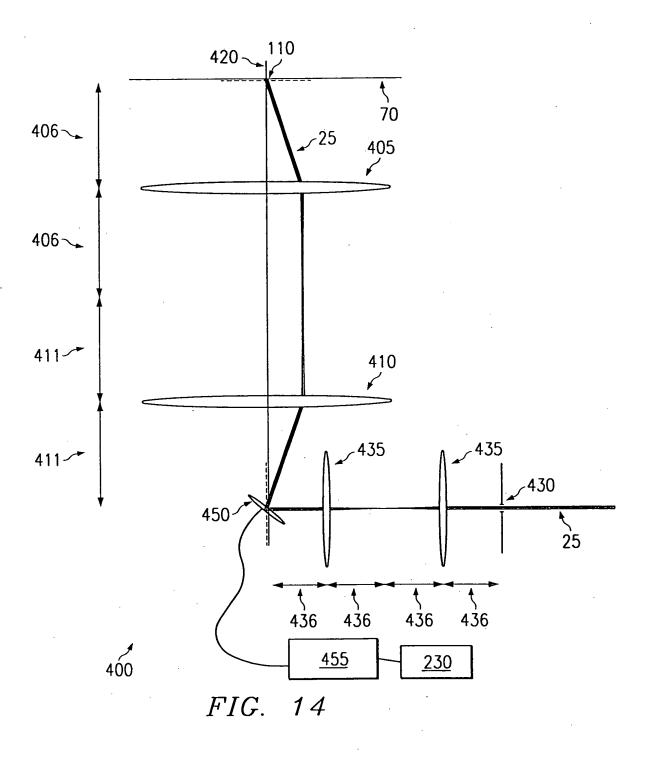
FIG. 12

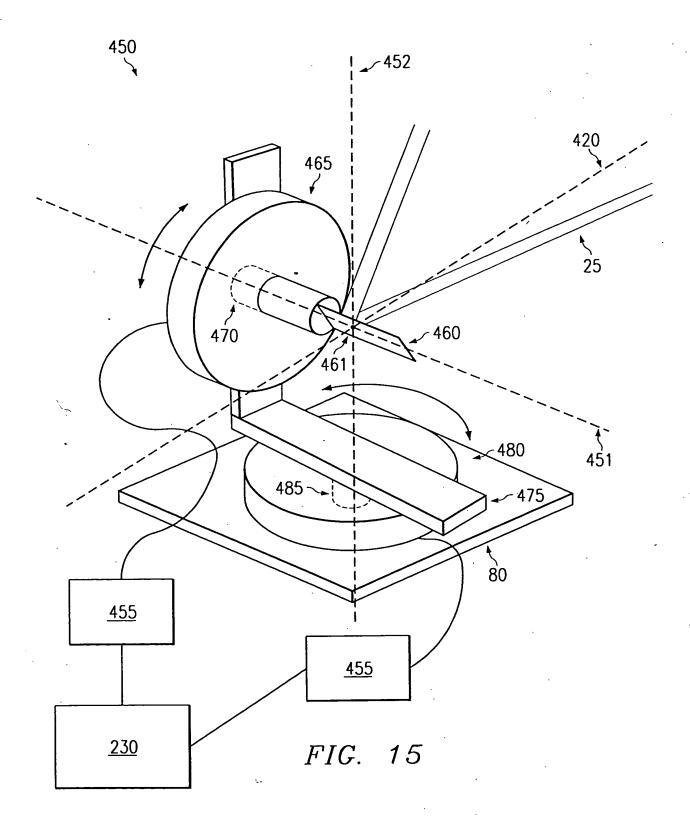
TODIFERT TERTION











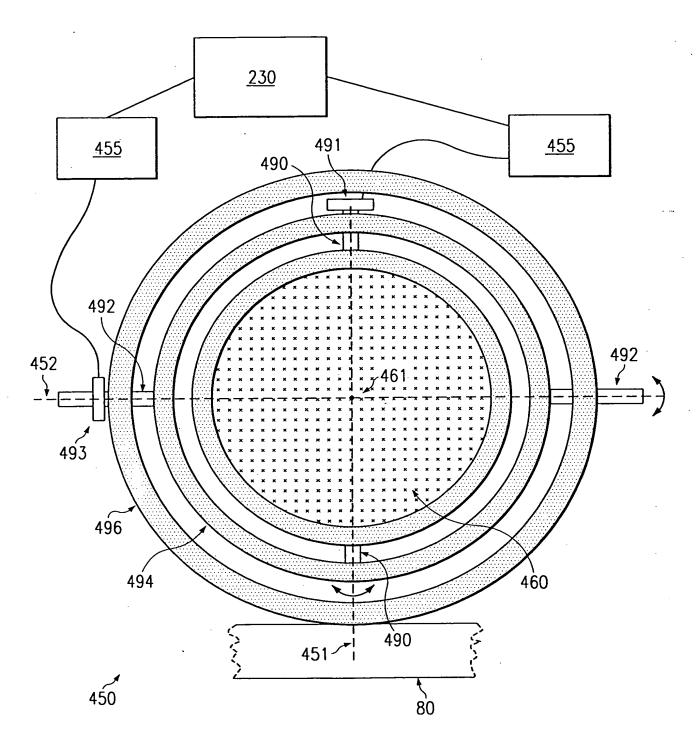


FIG. 16

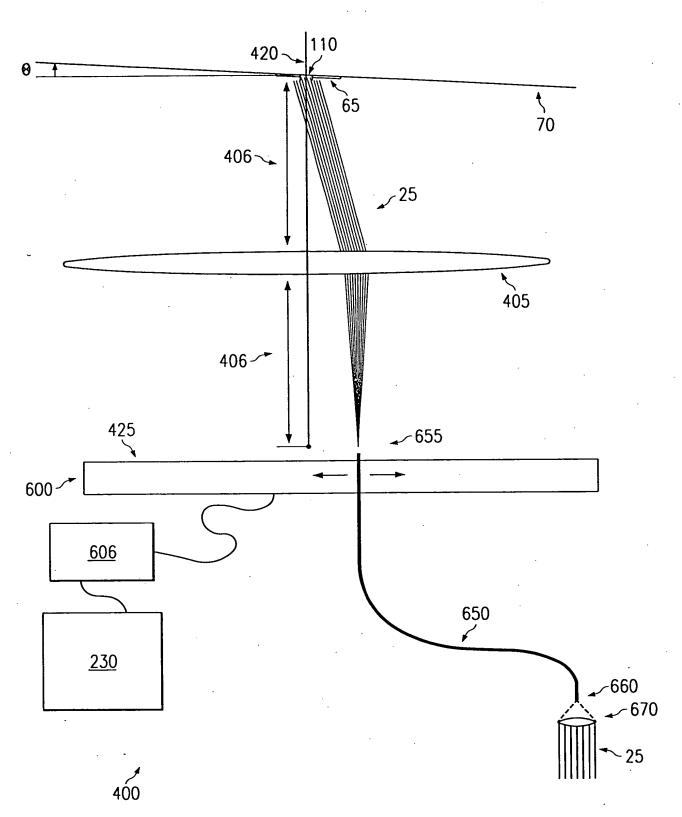
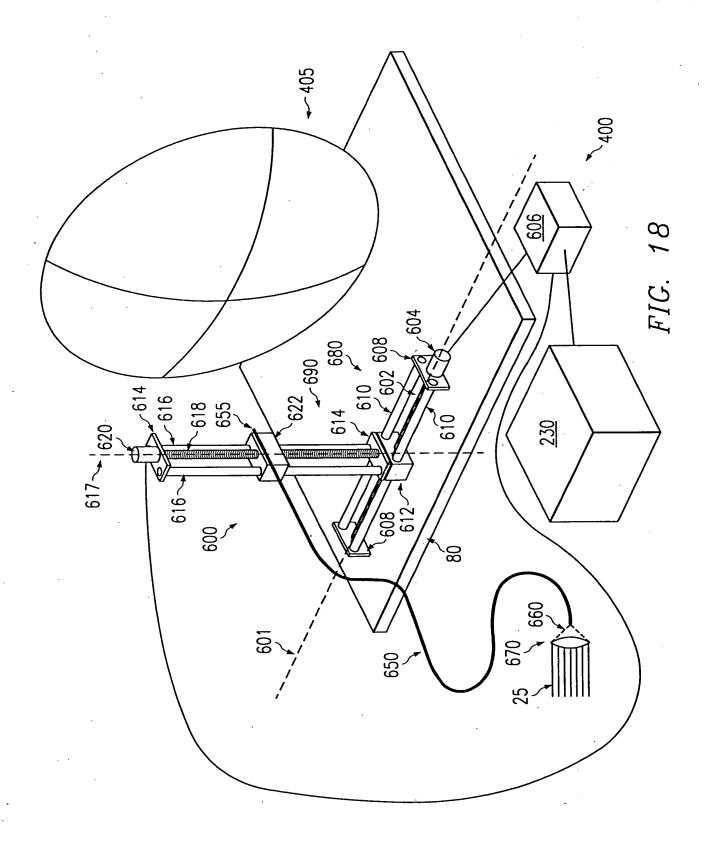
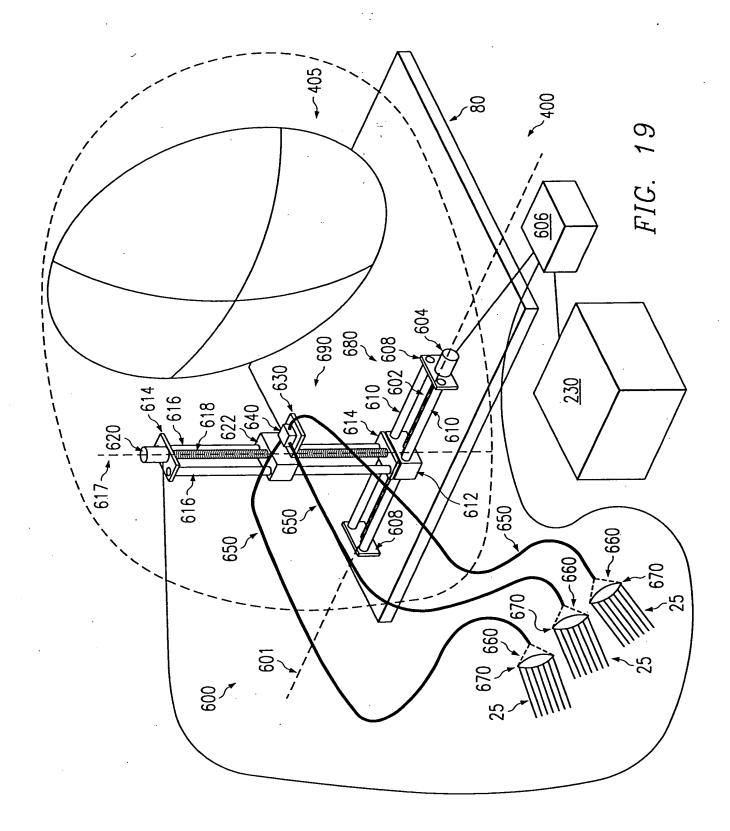
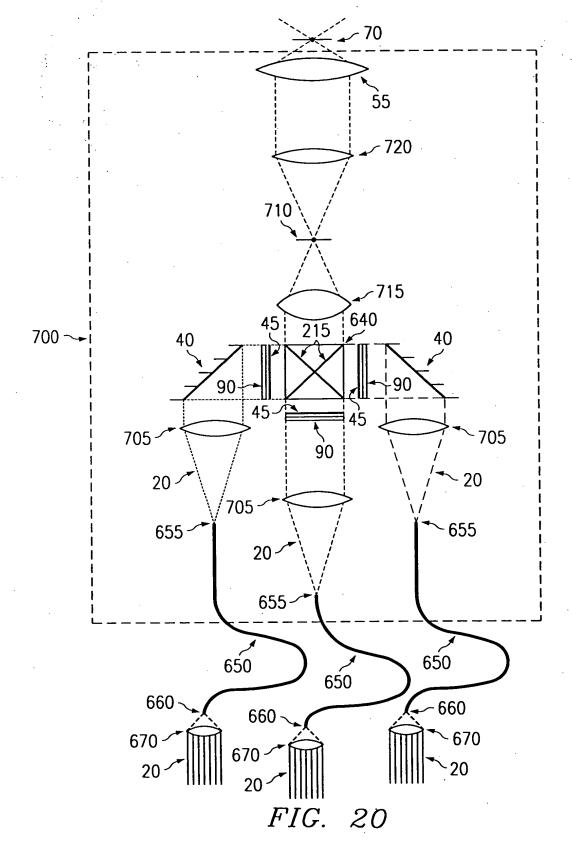


FIG. 17

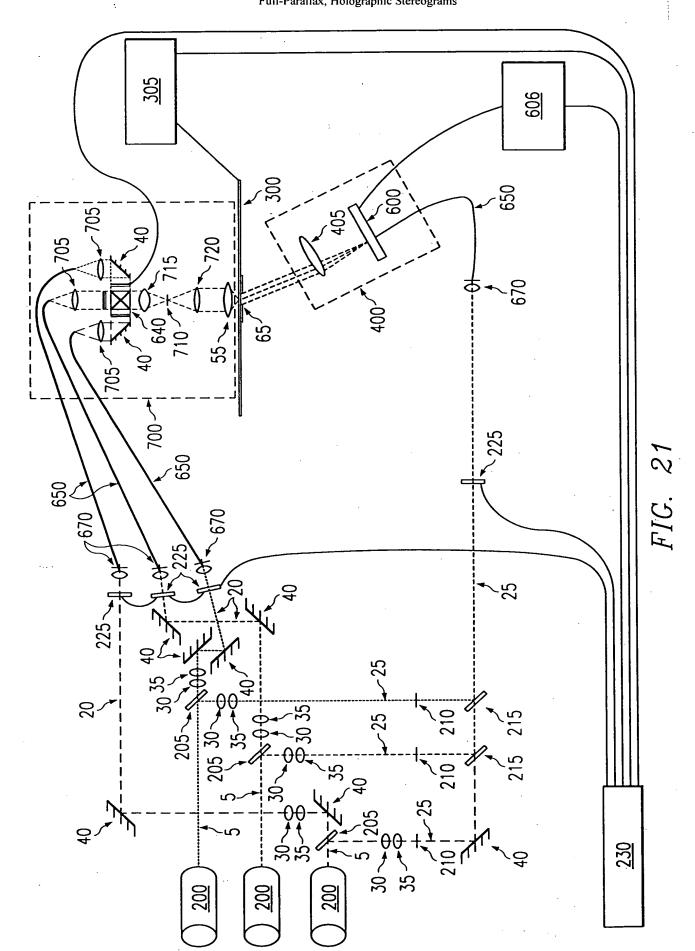


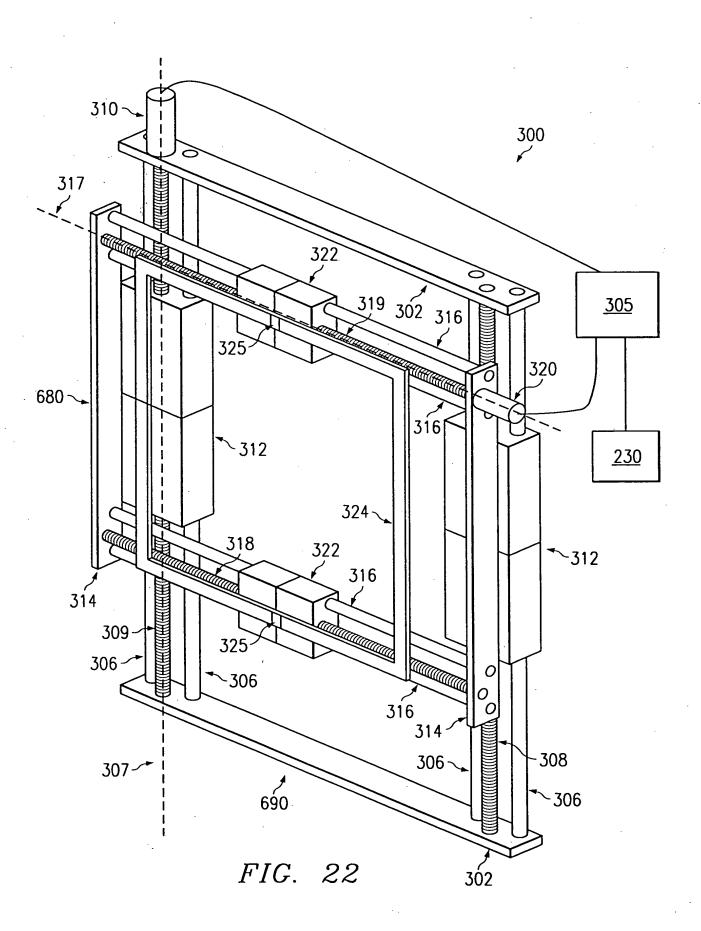


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Method And Apparatus For Recording Full-Parallax, Holographic Stereograms ne-Step, Full-Color,

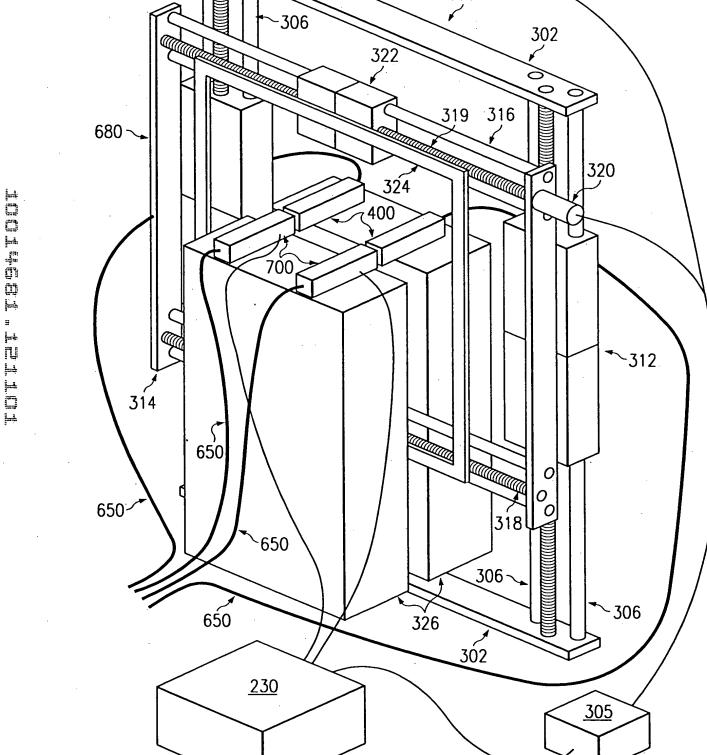
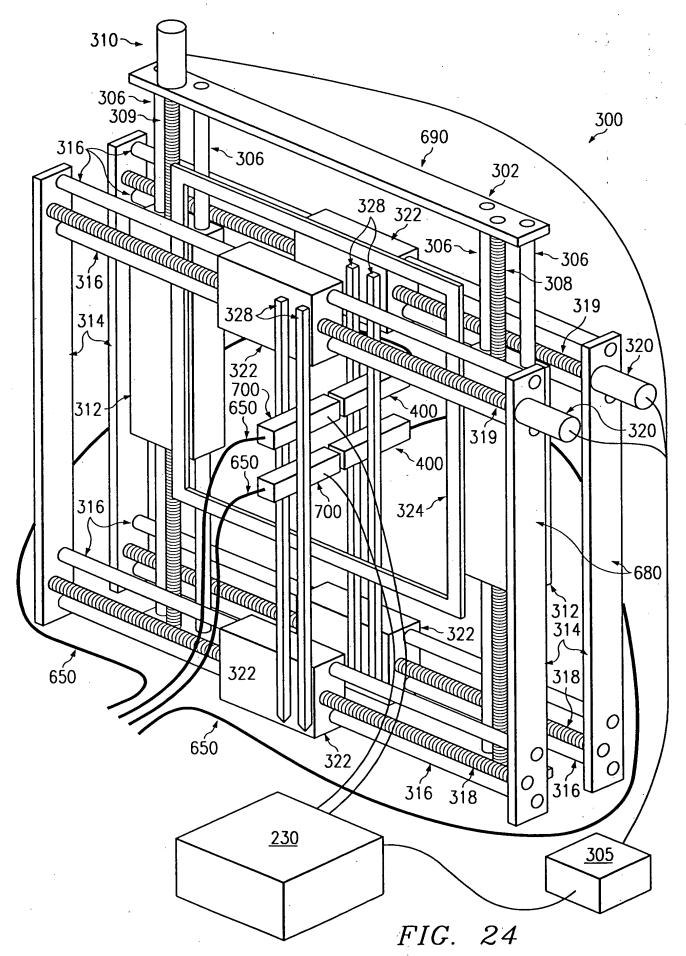


FIG. 23

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Method And Apparatus For Recording Gie-Step, Full-Color,

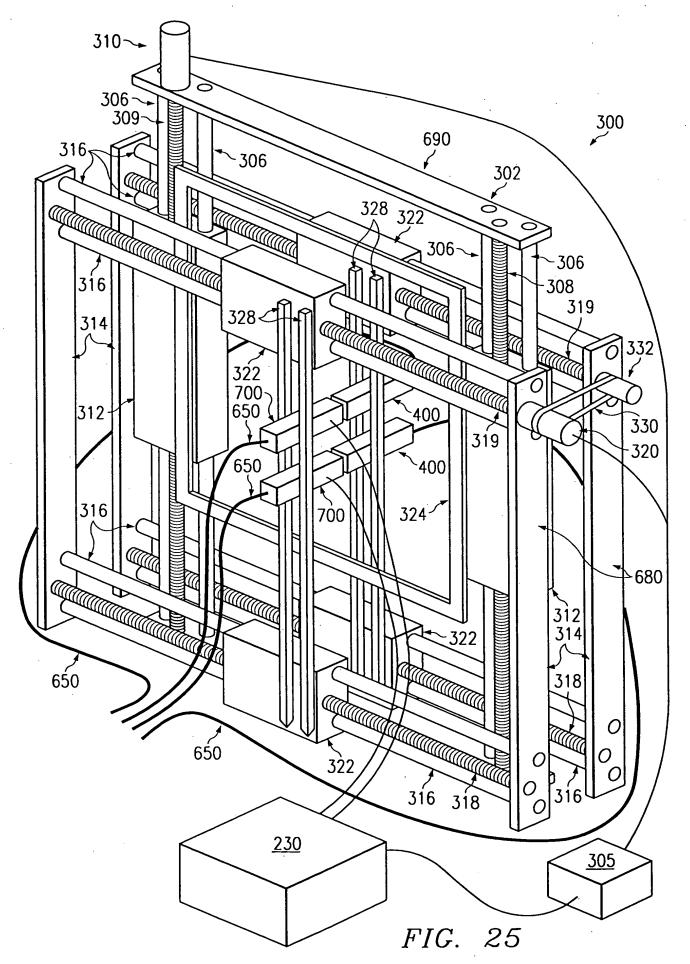
Full-Parallax, Holographic Stereograms

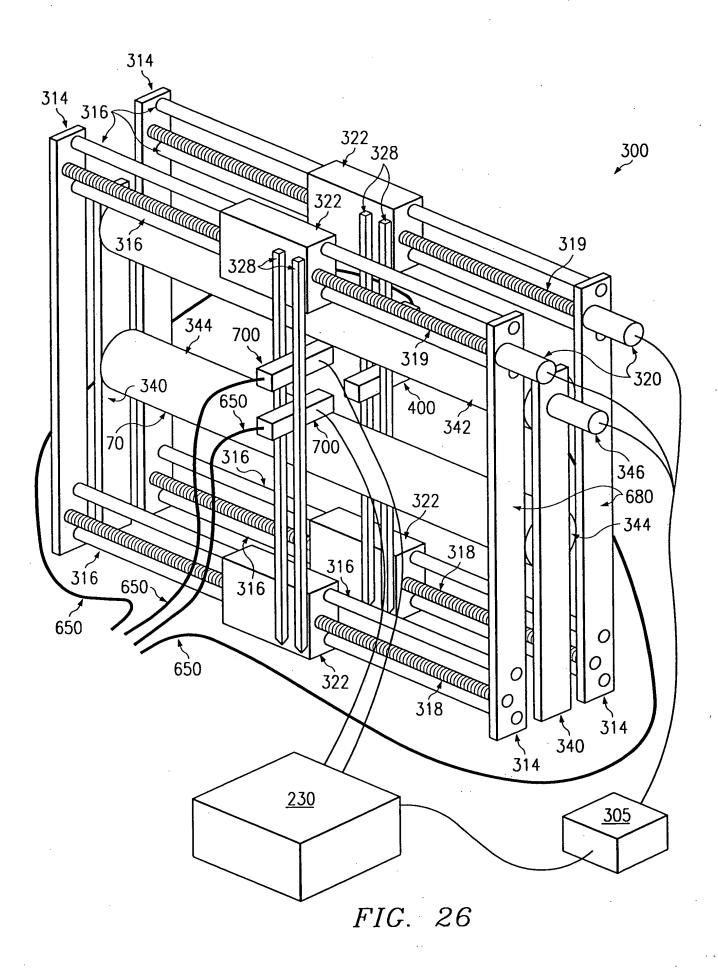


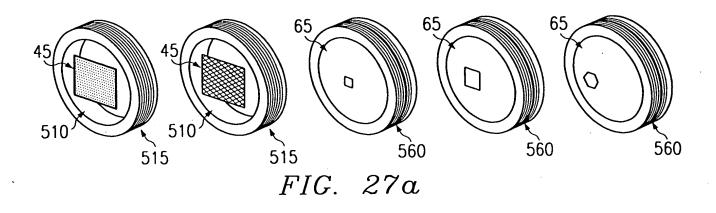
Attorney Docket No.: First Nan ventor: entor: Title:

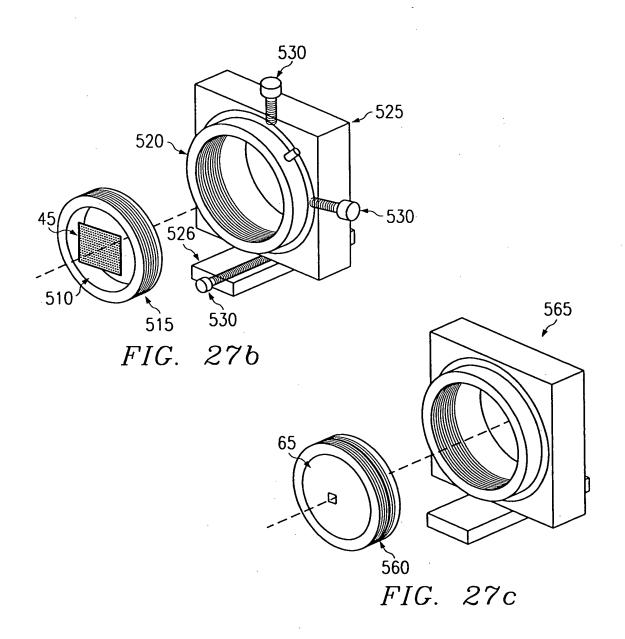
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9. MORE

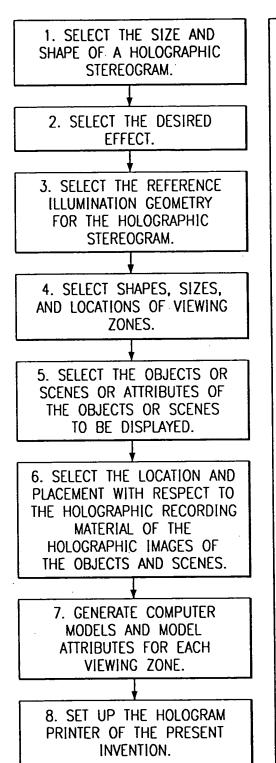
ELEMENTAL HOLOGRAMS?

F. STOP

NO

YES

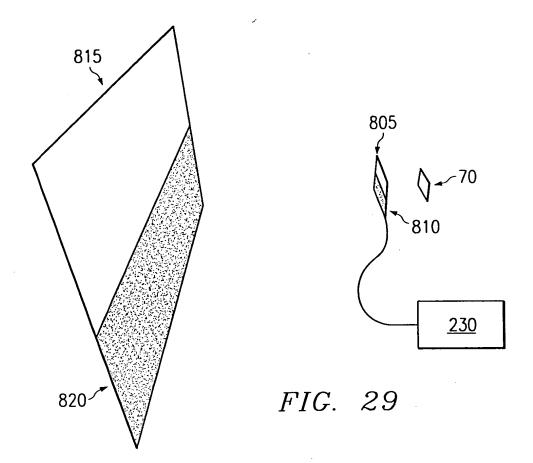
100145 O N

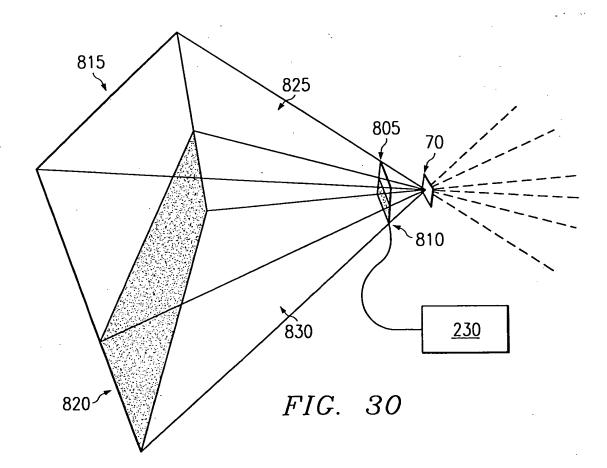


A. FOR EACH ELEMENTAL HOLOGRAM. DETERMINE VIEWING ZONE MASK VOLUMES. B. FOR EACH VIEWING ZONE MASK VOLUME, RENDER THE PORTION OF THE APROPRIATE COMPUTER MODEL OF THE OBJECT OR SCENES ENCLOSED BY A PROJECTED MASK VOLUME ONTO THE APROPRIATE PORTION OF THE VIRTUAL IMAGE OF AN SLM ENCLOSED BY THE VIEWING MASK VOLUME. C. WHEN RENDERING FOR ALL VIEWING ZONES IS COMPLETE, COMPOSITE THE RENDERED IMAGES. D. DISPLAY THE COMPOSITE OF THE RENDERED IMAGES ON THE SLM AND EXPOSE THE ELEMENTAL HOLOGRAMS. E. TRANSLATE THE HOLOGRAPHIC RECORDING MATERIAL RELATIVE TO THE OBJECT BEAM UNIT TO SET UP THE PRINTER TO EXPOSE ANOTHER ELEMENTAL HOLOGRAM.

FIG. 28

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